

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	14	((titanium adj nitride) and (densif\$4) and ((aluminum adj oxide) "al.sub.2o.sub.3" "al.sub.2 o.sub.3")).clm.	US-PGPUB; USPAT	OR	OFF	2005/07/05 15:21
L7	114	((titanium adj nitride) tin) with (densif\$4)	US-PGPUB; USPAT	OR	OFF	2005/07/05 15:20
L8	99	((titanium adj nitride) tin) with (densif\$3)	US-PGPUB; USPAT	OR	OFF	2005/07/05 15:20
L9	106	7 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/05 15:20
L10	14	9 not 8	US-PGPUB; USPAT	OR	ON	2005/07/05 15:20
S1	19	("6558517" "6511896" "6492241" "6482736" "6337237" "6335049" "6534357" "6476432" "6302244" "6255187" "6150226" "0025142" "0003621" "0045006" "0017265" "0115252" "0168750" "0168689" "0129799").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/04 19:07
S2	2242	((438/240) or (438/3)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/02/04 18:42
S3	196	S2 and ((aluminum adj oxide) "al.sub.2 o.sub.3" "al.sub.x o.sub.y") and ((tantalum adj (oxide pentoxide)) "ta.sub.2 o.sub.5" "ta.sub.x o.sub.y")	US-PGPUB; USPAT	OR	OFF	2005/02/04 18:59
S4	20	S3 and (HSG or (hemispherical adj grain))	US-PGPUB; USPAT	OR	OFF	2005/02/04 18:45
S5	23	S3 and (HSG or (hemispherical adj grain))	US-PGPUB; USPAT	OR	ON	2005/02/04 18:46
S6	18	S5 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/01 19:10
S7	7	((("6320244") or ("6387751") or ("5418180") or ("6150226") or ("6255187") or ("6222722") or ("6314028")).PN.	US-PGPUB; USPAT	OR	OFF	2005/02/04 18:52
S8	206297	S1 and ((aluminum adj oxide) "al.sub.2 o.sub.3" "al.sub.x o.sub.y") or ((tantalum adj (oxide pentoxide)) "ta.sub.2 o.sub.5" "ta.sub.x o.sub.y") or hsg or (tin (titanium adj nitride))	US-PGPUB; USPAT	OR	ON	2005/02/04 19:00

S9	9	S1 and (((aluminum adj oxide) "al.sub.2 o.sub.3" "al.sub.x o.sub.y") or ((tantalum adj (oxide pentoxide)) "ta.sub.2 o.sub.5" "ta.sub.x o.sub.y") or hsg or (tin (titanium adj nitride))))	US-PGPUB; USPAT	OR	ON	2005/02/04 19:12
S10	12	((("6558517") or ("6511896") or ("6492241") or ("6482736") or ("6337237") or ("6335049") or ("6534357") or ("6476432") or ("6320244") or ("6255187") or ("6150226") or ("6387751"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/02/04 19:11
S11	9	((("20030025142") or ("20030003621") or ("20030017266") or ("20030045006") or ("20030017265") or ("20020115252") or ("20030168750") or ("20030168689") or ("20030129799"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/02/04 19:12
S12	21	S10 or S11	US-PGPUB; USPAT	OR	OFF	2005/02/04 19:12
S13	17	S12 and (((aluminum adj oxide) "al.sub.2 o.sub.3" "al.sub.x o.sub.y") or ((tantalum adj (oxide pentoxide)) "ta.sub.2 o.sub.5" "ta.sub.x o.sub.y") or hsg or (tin (titanium adj nitride))))	US-PGPUB; USPAT	OR	ON	2005/02/04 19:49
S14	1	("6255187").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/04 19:50
S15	0	S14 and (titanium adj nitride)	US-PGPUB; USPAT	OR	OFF	2005/07/01 18:35
S16	1	S14 and (tin)	US-PGPUB; USPAT	OR	OFF	2005/02/04 19:51
S17	48	tin with tibn	US-PGPUB; USPAT	OR	OFF	2005/02/04 19:51
S18	8	tin with tibn with barrier	US-PGPUB; USPAT	OR	OFF	2005/02/04 19:51
S19	2	((("6314023") or ("6222722"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/07/01 18:22
S20	1	("6314028").PN.	US-PGPUB; USPAT	OR	OFF	2005/07/01 18:23
S21	52	(titanium adj nitride) with (densif\$3)	US-PGPUB; USPAT	OR	OFF	2005/07/01 19:38
S22	95526	"438"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2005/07/01 19:09
S23	200038	"438"/\$.ccls. or "257"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2005/07/01 19:10

S24	39	S21 and S23	US-PGPUB; USPAT	OR	OFF	2005/07/01 19:39
S25	36	S24 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/05 15:20
S26	10	((("6486022") or ("6660580") or ("6780704") or ("6150226") or ("6207487") or ("6222722") or ("20030052358") or ("6320244") or ("20020115252") or ("5418180")).PN.	US-PGPUB; USPAT	OR	OFF	2005/07/01 21:22
S27	8	S26 and ((titanium adj nitride) tin)	US-PGPUB; USPAT	OR	OFF	2005/07/01 19:39
S28	99	((titanium adj nitride) tin) with (densif\$3)	US-PGPUB; USPAT	OR	OFF	2005/07/05 15:20
S29	61	S28 and S23	US-PGPUB; USPAT	OR	OFF	2005/07/01 19:39
S30	56	S29 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/01 20:38
S31	20	S30 not S25	US-PGPUB; USPAT	OR	ON	2005/07/01 19:40
S32	1	S26 and (((titanium adj nitride) tin) with (anneal\$3 heat heated heating thermal\$3 oxidiz\$ oxidat\$ nitridiz\$ nitrida\$))	US-PGPUB; USPAT	OR	OFF	2005/07/01 20:37
S33	1	("6222722").PN.	US-PGPUB; USPAT	OR	OFF	2005/07/01 20:36
S34	0	S33 and (((titanium adj nitride) tin) with (anneal\$3 heat heated heating thermal\$3 oxidiz\$ oxidat\$ nitridiz\$ nitrida\$))	US-PGPUB; USPAT	OR	OFF	2005/07/01 21:13
S35	1	S33 and ((titanium adj nitride) tin)	US-PGPUB; USPAT	OR	OFF	2005/07/01 20:37
S36	3135	capacitor and (((titanium adj nitride) tin) with (anneal\$3 heat heated heating thermal\$3 oxidiz\$ oxidat\$ nitridiz\$ nitrida\$))	US-PGPUB; USPAT	OR	ON	2005/07/01 20:39
S37	2611	S36 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/01 21:14
S38	256	capacitor and (((titanium adj nitride) tin) with (anneal\$3 heat heated heating thermal\$3 oxidiz\$ oxidat\$ nitridiz\$ nitrida\$) with ((bottom lower) adj (plate electrode)))	US-PGPUB; USPAT	OR	ON	2005/07/01 21:14

S39	19	capacitor and (((titanium adj nitride) tin) with (anneal\$3 heat heated heating thermal\$3 oxidiz\$ oxidat\$ nitridiz\$ nitrida\$) with ((bottom lower) adj (plate electrode)) and densif\$)	US-PGPUB; USPAT	OR	ON	2005/07/01 20:43
S40	10	capacitor and (((titanium adj nitride) tin) with (anneal\$3 heat heated heating thermal\$3 oxidiz\$ oxidat\$ nitridiz\$ nitrida\$) with ((bottom lower) adj (plate electrode)) with (resistivity leakage))	US-PGPUB; USPAT	OR	ON	2005/07/01 20:51
S41	216	S38 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/01 21:14
S42	195	S41 not (S39 S40)	US-PGPUB; USPAT	OR	ON	2005/07/01 20:55
S43	787	capacitor and (((titanium adj nitride) tin) near2 (anneal\$3 heat heated heating thermal\$3 oxidiz\$ oxidat\$ nitridiz\$ nitrida\$))	US-PGPUB; USPAT	OR	ON	2005/07/01 21:14
S44	681	S43 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/01 21:14
S45	47	capacitor and (((titanium adj nitride) tin) near2 (anneal\$3 heat heated heating thermal\$3 oxidiz\$ oxidat\$ nitridiz\$ nitrida\$) with ((bottom lower) adj (plate electrode)))	US-PGPUB; USPAT	OR	ON	2005/07/01 21:15
S46	36	S45 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/01 21:15
S47	33	S46 not (S39 S40)	US-PGPUB; USPAT	OR	ON	2005/07/01 21:15
S48	8	capacitor and (((titanium adj nitride) tin) near2 (anneal\$3 heat heated heating thermal\$3 nitridiz\$ nitrida\$) with ((bottom lower) adj (plate electrode)))	US-PGPUB; USPAT	OR	ON	2005/07/01 21:15
S49	8	S48 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/01 21:20
S50	8	S48 not (S39 S40)	US-PGPUB; USPAT	OR	ON	2005/07/01 21:20
S51	22301	capacitor and (densif\$ near2 (titanium adj nitride) tin)	US-PGPUB; USPAT	OR	ON	2005/07/01 21:22
S52	8	S49 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/01 21:22
S53	18299	S51 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/01 21:21

S54	23	capacitor and (densif\$ near2 ((titanium adj nitride) tin))	US-PGPUB; USPAT	OR	ON	2005/07/01 21:22
S55	18	S54 not (@ad>"20030520" or @rlad>"20030520")	US-PGPUB; USPAT	OR	ON	2005/07/01 21:22
S56	1	S55 not (S25 S31)	US-PGPUB; USPAT	OR	OFF	2005/07/01 21:22